

Fig. 1

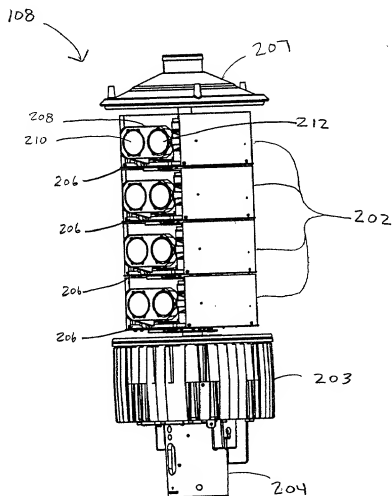
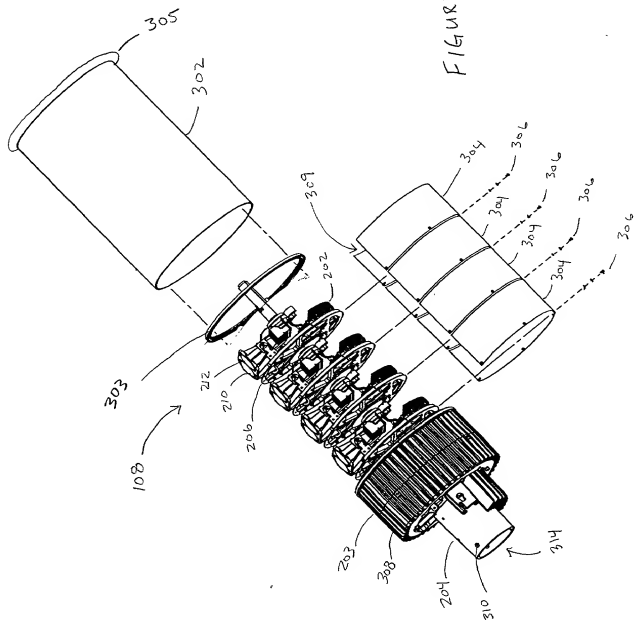


FIGURE 2



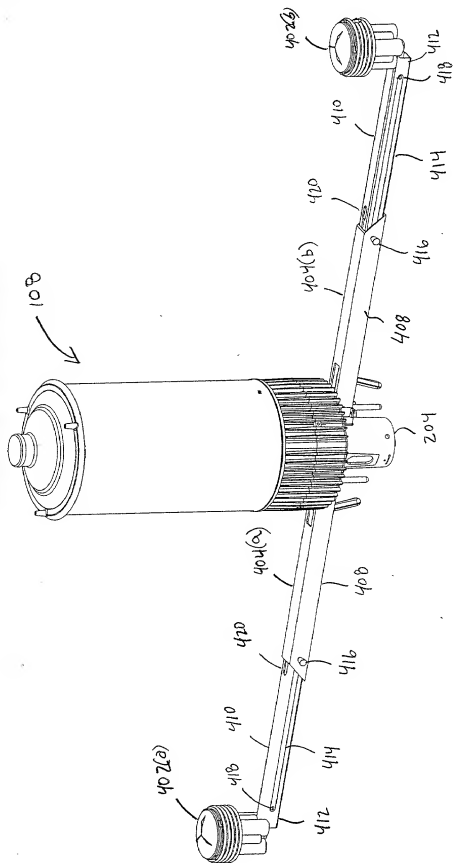


Figure 4

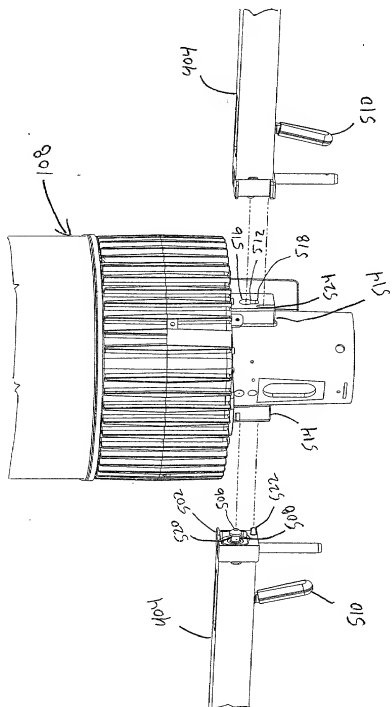


Figure 5

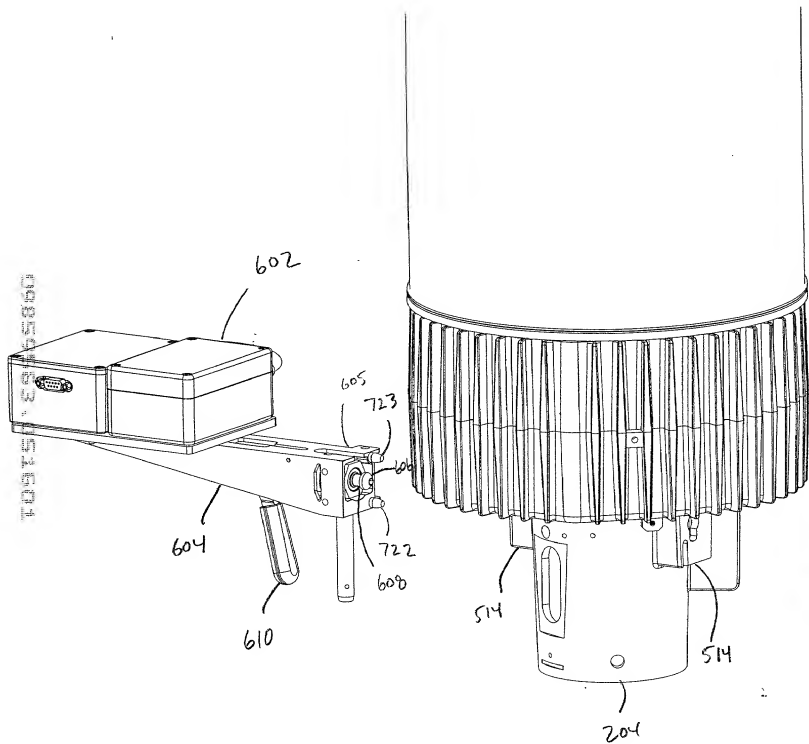
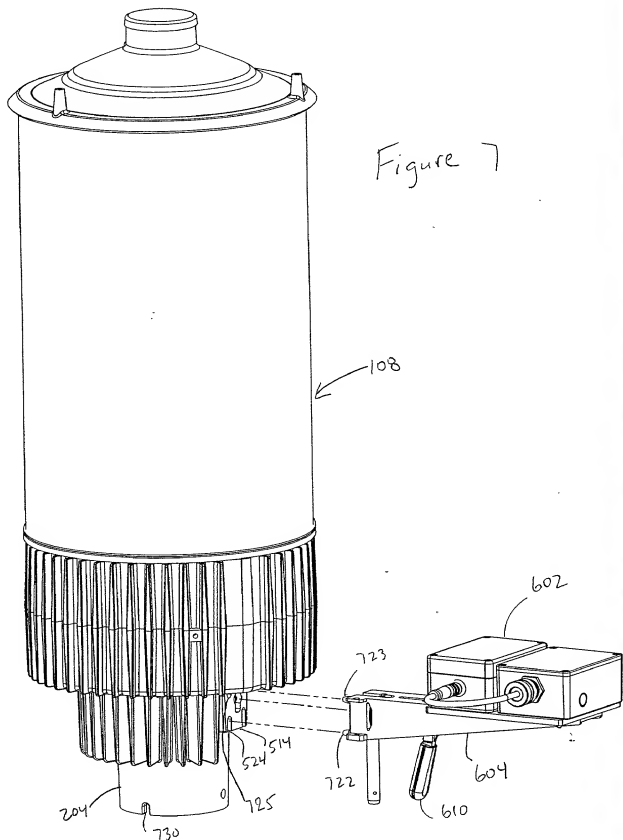
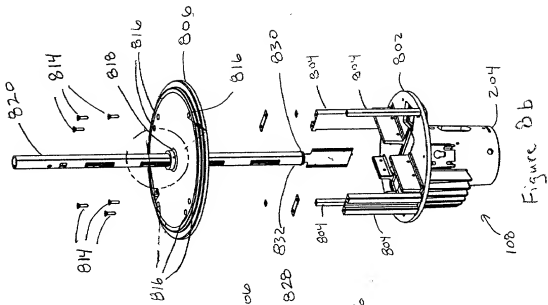
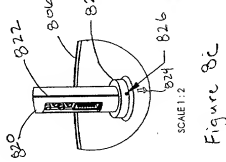
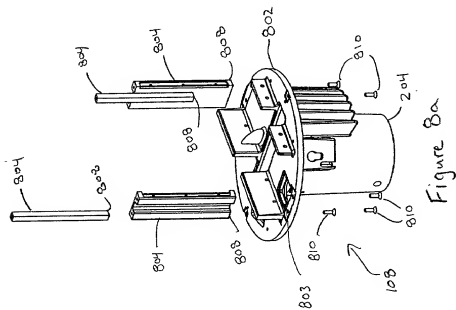


Figure 6

Figure 7





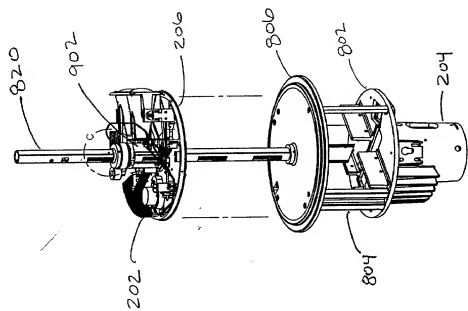


Figure 9a

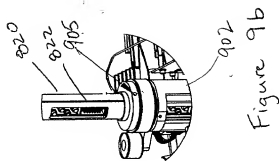
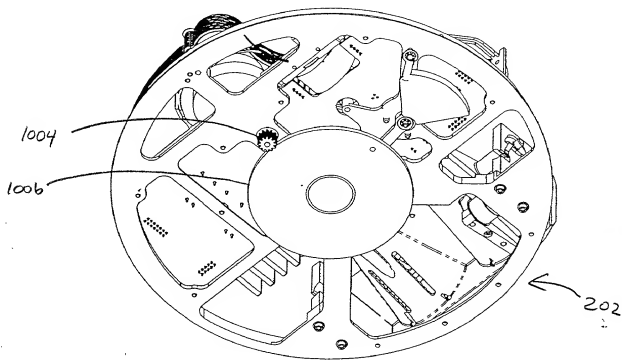
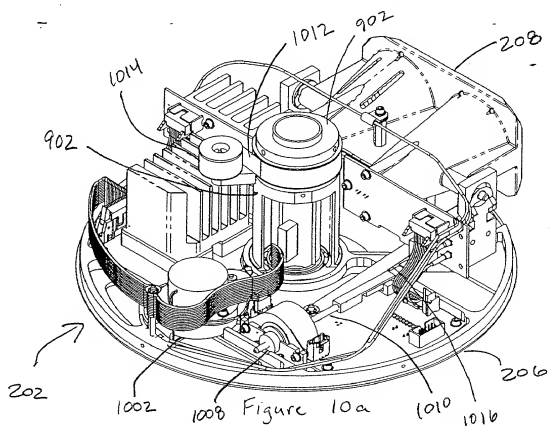


Figure 9b



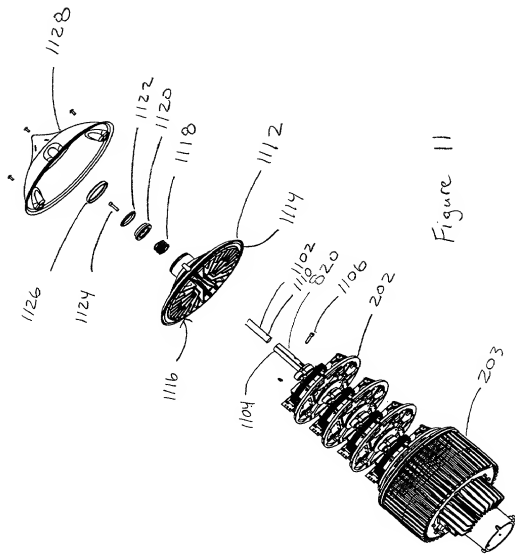


Figure 11

Start

1202

Assemble one or more
Nodes

1204

Determine tolerance offsets
for each node and store
offset data in RAM

1206

Install node on tripod

1208

Attach GPS Fixtures

1210

Obtain position and bearing
information

1212

Remove GPS fixtures

1214

Attach tiltmeter

1216

Obtain pitch and roll information

1218

Remove tiltmeter

1220

Determine pointing information using
offset data from RAM, position information
and bearing information

1222

If required, remove node and install replacement

1224

Determine pointing information using offset data
from replacement node, position information,
bearing information and pitch and roll information

END

Figure 12